

Film, Metallized Polyester Stacked, Commercial Grade, R82, 1 uF, 5%, 63 V, 85C, Lead Spacing = 5mm



| General Information |   |
|---------------------|---|
| Dielectric:         | Metallized Polyester Stacked                    |
| Style:              | Radial  |
| Series:             | R82   |
| Features:           | Pulse   |
| RoHS:               | Yes   |
| Lead:               | Wire Leads                                      |
| Approvals:          | AEC-Q200  |
| AEC-Q200:           | Yes   |
| Miscellaneous:      | Above 85C DC And AC Voltage Derating Is 1.25%/C |

| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm +0.3mm    |
| H          | 10mm +0.1mm     |
| T          | 5mm +0.1mm      |
| S          | 5mm +/-0.4mm    |
| LL         | 17mm +1/-2mm    |
| F          | 0.5mm +/-0.05mm |

| Specifications         |                       |
|------------------------|-----------------------|
| Capacitance:           | 1 uF                  |
| Capacitance Tolerance: | 5%                    |
| Voltage DC:            | 63 VDC                |
| Voltage AC:            | 40 VAC                |
| Temperature Range:     | -55/+105C             |
| Rated Temperature:     | 85C                   |
| Dissipation Factor:    | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance: | 5 GOhms               |
| Max dVdt:              | 160 V                 |
| Inductance:            | 7 nH                  |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | Bulk |
| Packaging Quantity:      | 1500 |